

acuraWound String Wounded Cartridge

acuraWound filter cartridges are so formed that hundreds of conical narrowing, spiral running flow openings are formed. By the becoming rejuvenated flow canals the filtration delicacy increases in the direction of core constantly. The solid particle which are in the liquid stream of the liquid to be filtered are intercepted by this extremely effective filter medium - not only in the surface, but in the whole area of the medium - with the result of real depth filtration.

TECHNICAL DATA

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| Max. diff. pressure | Max. temperature | Cartr. lg. | ODø / IDø |
|----------------------------------|------------------------------------|------------|--------------------------|
| 4,8 bar WC, WP, WF 8,0 bar WK | 450°C WK 120°C WC 60°C WP/WF | 4" - 40" | 50 / 26 mm 63 / 26 mm |

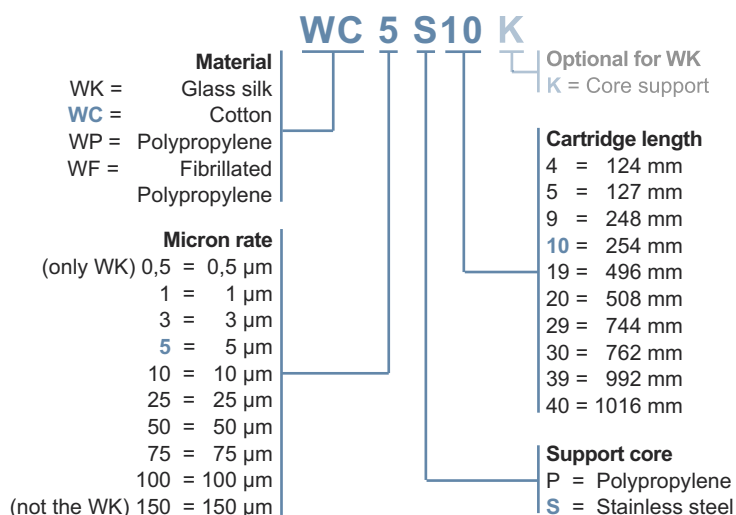
Information only for **acuraWound WK** Glas silk filter cartridges

Glass quality: C-glas | Fibre strength: ca. 11,5 µm | Transformation temp.: 510°C
Hydrolytical class acc. DIN 12 111: 3 | Ley class acc. DIN 52 322: 2

| Filter media | Description |
|----------------------------------|---|
| Cotton | A rough, bleached natural fibre, without any addition which corresponds to the F.D.A. regulations. |
| Polypropylene | A synthetic fiber with comprehensive chemical compatibility. The lubricants necessary to the production leave no taste tracks or odour tracks in the filtrate and look only slightly effervescent at the beginning of the filtration. |
| Fibrillated Polypropylene | A synthetic fiber with the qualities of the polypropylen, however, without use of lubricants with that cartridge production. This fiber corresponds to the F.D.A. - Regulations and is completely non-effervescent. |
| IMPORTANT: Glass silk | With sensitive people a skin contact with fiberglass products to be passed ones is able to mechanical irritations lead which fade away, however, after ending of the contact again. In this cases it is recommended to carry long clothes and gloves. |

ORDERING INFORMATIONS

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OPERATION CONDITIONS WC, WP, WF

acuraWound Compress cartridges are laid out in dependence of the liquid to be filtered as well as the used filter materials for temperatures up to 120°C. The maximum difference pressure amounts to 4.8 bar. Nevertheless, it is advisable to change the filter cartridges already with a difference pressure of 2 - 2.5 bar. To raise the service life time and the filtration efficiency, the flow efficiency, like with all other filter types, should be held so low as possible.

OPERATION CONDITIONS WK

acuraWound Glass silk string wound cartridges can hold a max. differential pressure of 8 bar. Nevertheless, it is advisable to change the filter cartridges already with a differential pressure of 2 - 2.5 bar.